

## **IN THE CLAIMS**

Please cancel claims 4-5, 7, 13-14, 16, 20-21, 24-25 and 27.

Please amend the claims as follows.

- 1    1. (Currently Amended) An apparatus comprising:
  - 2       at least one processor;
  - 3       a memory coupled to the at least one processor;
  - 4       a first job residing in the memory and executed by the at least one processor;
  - 5       a second job residing in the memory and executed by the at least one processor;
  - 6       an inter-job breakpoint mechanism that detects at least one condition in the first
  - 7       job and, in response thereto, ~~performs at least one action on the second job enables a~~  
breakpoint in the second job.
- 1    2. (Original) The apparatus of claim 1 wherein the at least one condition comprises the  
2       start of execution of a specified portion of code in the first job.
- 1    3. (Original) The apparatus of claim 1 wherein the at least one condition comprises the  
2       end of execution of a specified portion of code in the first job.
- 1    4-5 (Cancelled)
- 1    6. (Currently Amended) The apparatus of claim [[5]] 1 wherein the ~~at least one action~~  
2       ~~further comprises halting inter-job breakpoint mechanism halts~~ execution of the second  
3       job when at least one condition specified in the breakpoint in the second job is satisfied.
- 1    7. (Cancelled)

1       8. (Currently Amended) The apparatus of claim 7 wherein the property comprises An  
2       apparatus comprising:  
3       at least one processor;  
4       a memory coupled to the at least one processor;  
5       a first job residing in the memory and executed by the at least one processor;  
6       a second job residing in the memory and executed by the at least one processor;  
7       an inter-job breakpoint mechanism that detects at least one condition in the first  
8       job and, in response thereto, modifies a program variable in the second job.

1       9. (Currently Amended) The apparatus of claim [[1]] 8 wherein the at least one action  
2       comprises outputting of inter-job breakpoint mechanism, in response to detecting the at  
3       least one condition in the first job, outputs a debug message to the second job's output.

- 1       10. (Currently Amended) A method for debugging comprising the steps of:
- 2           defining at least one condition in a first job;
- 3           defining at least one action to take on a second job;
- 4           monitoring execution of the first job;
- 5           monitoring execution of the second job; and
- 6           when the at least one condition in the first job is satisfied, ~~performing at least one~~
- 7       ~~action on the second job enabling a breakpoint in the second job.~~
- 1       11. (Original) The method of claim 10 wherein the at least one condition comprises the
- 2       start of execution of a specified portion of code in the first job.
- 1       12. (Original) The method of claim 10 wherein the at least one condition comprises the
- 2       end of execution of a specified portion of code in the first job.
- 1       13-14 (Cancelled)
- 1       15. (Currently Amended) The method of claim [[14]] 10 wherein the at least one action
- 2       ~~further comprises further comprising the step of~~ halting execution of the second job when
- 3       at least one condition specified in the breakpoint in the second job is satisfied.
- 1       16. (Cancelled)

1      17. (Currently Amended) ~~The method of claim 16 wherein the property comprises A~~  
2      method for debugging comprising the steps of:  
3      defining at least one condition in a first job;  
4      defining at least one action to take on a second job;  
5      monitoring execution of the first job;  
6      monitoring execution of the second job; and  
7      when the at least one condition in the first job is satisfied, modifying a program  
8      variable on the second job.

1      18. (Currently Amended) The method of claim [[10]] ~~17 wherein the at least one action~~  
2      ~~comprises further comprising the step of outputting [[of]] a debug message to the second~~  
3      ~~job's output when the at least one condition in the first job is satisfied.~~

1       19. (Currently Amended) A computer-readable program product comprising:

2           (A) an inter-job breakpoint mechanism that monitors execution of first and second

3       jobs, and when at least one condition in the first job is satisfied, ~~performs at least one~~

4       ~~action on the second job enables a breakpoint in the second job;~~ and

5           (B) computer-readable signal bearing recordable media bearing the inter-job

6       breakpoint mechanism.

1       20-21 (Cancelled)

1       22. (Original) The program product of claim 19 wherein the at least one condition

2       comprises the start of execution of a specified portion of code in the first job.

1       23. (Original) The program product of claim 19 wherein the at least one condition

2       comprises the end of execution of a specified portion of code in the first job.

1       24-25 (Cancelled)

1       26. (Currently Amended) The program product of claim [[25]] 19 wherein the ~~at least~~

2       ~~one action further comprises halting inter-job breakpoint mechanism halts~~ execution of

3       the second job when at least one condition specified in the breakpoint in the second job is

4       satisfied.

1       27. (Cancelled)

1    28. (Currently Amended) The program product of claim 27 wherein the property  
2    ~~comprises~~ A computer-readable program product comprising:  
3        (A) an inter-job breakpoint mechanism that monitors execution of first and second  
4        jobs, and when at least one condition in the first job is satisfied, modifies a program  
5        variable on the second job; and  
6        (B) recordable media bearing the inter-job breakpoint mechanism.

1    29. (Currently Amended) The program product of claim [[19]] 28 wherein the ~~at least~~  
2    ~~one action comprises outputting of~~ inter-job breakpoint mechanism, in response to  
3    detecting the at least one condition in the first job, outputs a debug message to the second  
4    job's output.

Please add the following new claims.

1    30. (New) The apparatus of claim 1 wherein the inter-job breakpoint mechanism, in  
2    response to detecting the at least one condition in the first job, outputs a debug message  
3    to the second job's output.

1    31. (New) The method of claim 10 further comprising the step of outputting a debug  
2    message to the second job's output when the at least one condition in the first job is  
3    satisfied.

1    32. (New) The program product of claim 19 wherein the inter-job breakpoint mechanism,  
2    in response to detecting the at least one condition in the first job, outputs a debug  
3    message to the second job's output.